

IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Eric Anderson

Confirmation No.:

Application No.:

Examiner:

Filing Date: Dec. 11, 2001

Group Art Unit:

Title: TECHNIQUE FOR REDUCING NETWORK BANDWIDTH FOR DELIVERY OF DYNAMIC AND MIXED CONTENT



COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- (X) under 37 CFR 1.97(b), or  
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- ( ) under 37 CFR 1.97(c) together with either a:  
( ) Statement under 37 CFR 1.97(e), or  
( ) a \$180.00 fee under 37 CFR 1.17(p), or  
(After the 37 CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs)
- ( ) under 37 CFR 1.97 (d) together with a:  
( ) Statement under 37 CFR 1.97(e), and  
( ) a petition under 37 CFR 1.97(d)(2), and  
( ) a \$180.00 petition fee set forth in 37 CFR 1.17(p).  
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

Please charge to Deposit Account 08-2025 the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25.

(X) Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Citation together with copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

( ) A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

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Date of Deposit Dec. 11, 2001

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Washington, D.C. 20231.

By

Typed Name: Jennifer Adams

Respectfully submitted,

Erie Anderson

By

Derek Westberg

Attorney/Agent for Applicant(s)

Reg. No. 40,872

Date: Dec. 11, 2001

FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

10016145

APPLICATION NO.

CONFIRMATION NO.

APPLICANT

Erik Anderson

FILING DATE

Dec. 11, 2001

GROUP

Jc978 U.S. PTO  
10/015015

12/11/01

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
	1A					
	1B					
	1C					
	1D					
	1E					
	1F					
	1G					
	1H					
	1I					
	1J					
	1K					

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
	1L							
	1M							
	1N							
	1O							
	1P							

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

1Q	Wetherall, David; Santos, Jonathan. "Increasing Effective Link Bandwidth by Suppressing Replicated Data." Proceedings of the USENIX Annual Technical Conference (NO 98), New Orleans, Louisiana. June 1998.
1R	Muthitacharoen, Athicha; Chen, Benjie; Mazieres, David. "A Low-bandwidth Network File System." In the Proceedings of the 18th ACM Symposium on Operating Systems Principles (SOSP '01), Chateau Lake Louise, Banff, Canada. October 2001.
1S	Tridgell, Andrew; Mackerras, Paul. "The rsync algorithm." The Australian National University, Joint Computer Science Technical Report Series. June 1996.

EXAMINER

DATE CONSIDERED